

VERKAMA ET AL. - 09/787,659  
Client/Matter: 060258-0279243

### REMARKS

By this Amendment, claims 1, 9 and 12 are amended merely to clarify the recited subject matter. Claims 1-14 are pending.

The Office Action rejected claims 1-12 and 14 under 35 U.S.C. 102(e) as being anticipated by Yuan (U.S. 6,496,704) and rejected claim 13 under 35 U.S.C. 103(a) as being unpatentable over Penners et al. (U.S. 5,793,762; hereafter "Penners").

Applicants traverse the rejections because the cited prior art, analyzed, individually or in combination, fails to disclose, teach or suggest the all of the features recited in the claimed invention. For example, the cited prior art fails to disclose, teach or suggest the claimed method for providing Internet Protocol-type mobility service for a mobile station in a packet radio network, the method comprising: installing into the packet radio network a foreign agent having an IP address . . . wherein, the packet radio network is coupled to a data network implementing Internet Protocol," as recited in independent claim 1 and its dependent claims. Similarly, the cited prior art fails to disclose, teach or suggest the claimed "support node for a packet radio network, arranged to provide mobility service for a mobile station, the support node comprising: an integrated foreign agent having an IP address . . . wherein, the packet radio network is coupled to a data network implementing Internet Protocol," as recited in independent claim 12 and its dependent claims.

Further, the cited prior art fails to disclose, teach or suggest the claimed arrangement for providing Internet Protocol type mobility service for a mobile station, the arrangement comprising "a foreign agent having an IP address being integrated into one of the support nodes," as recited in independent claim 9 and its dependent claims.

The Office Action asserted that Yuan discloses the claimed installation of a foreign agent having an IP address into the packet radio network. Although a mobile-IP protocol must have a foreign agent, the relevant question is where the foreign agent is located.

The Office Action asserted that Yuan, col. 3 lines 63 - 65, teaches: (1) that the foreign network includes a plurality of hosts and a foreign agent (the router/gateway); and (2) the foreign agent is illustrated as the router/gateway that interfaces the foreign network with the Internet. However, Applicants submit that the foreign agent cannot be both in a foreign network and resident in the router/gateway that interfaces the foreign network with the Internet. Thus, under the Office Action's interpretation of Yuan, it is unclear where a foreign agent is actually located in relation to the foreign network.

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Thus, Applicants submit that Yuan merely discloses a conventional mobile IP registration with a home agent and a foreign agent; however, the foreign agent disclosed and taught in Yuan is not located in a packet radio network and integrated into one of the support nodes of the packet radio network. Moreover, Applicants submit that the structure of Yuan identified in the Office Action as corresponding to the claimed foreign agent does not correspond to a foreign agent having an IP address being integrated into one of the support nodes of a network.

Penners fails to remedy these deficiencies of Yuan because Penners merely teaches generally on its use of a Home Location Register for storing and providing subscription data.

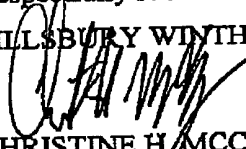
Therefore, the combined teachings of Yuan and Penners fail to disclose, teach or suggest the subject matter recited in independent claims 1, 9 and 12 and their respective dependent claims.

All rejections having been addressed, Applicants request issuance of a notice of allowance indicating the allowability of all pending claims. If anything further is necessary to place the application in condition for allowance, Applicants request that the Examiner contact Applicants' undersigned representative at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

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